



DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2021-0182; Product Identifier 2020-NM-072-AD; Amendment 39-21474; AD 2021-06-07]

RIN 2120-AA64

Airworthiness Directives; Airbus SAS Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule; request for comments.

SUMMARY: The FAA is adopting a new airworthiness directive (AD) for certain Airbus SAS Model A330-200 series and A330-300 series airplanes. This AD was prompted by reports of cracked flexible hoses in the courier area oxygen system (CAOS). This AD requires repetitive detailed inspections of the CAOS and replacement of affected parts if necessary. The FAA is issuing this AD to address the unsafe condition on these products.

DATES: This AD becomes effective [INSERT DATE 15 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

The Director of the Federal Register approved the incorporation by reference of certain publications listed in this AD as of [INSERT DATE 15 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

The FAA must receive comments on this AD by [INSERT DATE 45 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

ADDRESSES: You may send comments, using the procedures found in 14 CFR 11.43 and 11.45, by any of the following methods:

- Federal eRulemaking Portal: Go to <https://www.regulations.gov>. Follow the

instructions for submitting comments.

- Fax: 202-493-2251.

- Mail: U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE, Washington, DC 20590.

- Hand Delivery: Deliver to Mail address above between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this final rule, contact Elbe Flugzeugwerke GmbH Customer Support, Grenzstraße 1 01109, Dresden, Germany; phone: +49 351 8839 2749; fax: +49 351 8839 2125; email: efw.techpub@efw.aero; internet: <https://www.elbeflugzeugwerke.com/en/>. You may view this referenced service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195. It is also available on the Internet at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2021-0182.

Examining the AD Docket

You may examine the AD docket on the Internet at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2021-0182; or in person at the Docket Operations office between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this AD, any comments received, and other information. The street address for the Docket Operations office is listed above.

FOR FURTHER INFORMATION CONTACT: Darren Gassetto, Aerospace Engineer, Mechanical Systems and Administrative Services Section, FAA, New York ACO Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516-228-7323; fax 516-794-5531; email 9-avs-nyaco-cos@faa.gov.

SUPPLEMENTARY INFORMATION:

Discussion

The European Union Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Union, has issued EASA AD 2019-0215, dated September 4, 2019 (referred to after this as the Mandatory Continuing Airworthiness Information, or the MCAI), to correct an unsafe condition for certain Airbus SAS Model A330-201, A330-202, A330-203, A330-223, A330-243, A330-301, A330-302, A330-303, A330-321, A330-322, A330-323, A330-341, A330-342 and A330-343 airplanes. You may examine the MCAI on the Internet at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2021-0182.

This AD was prompted by reports of cracked flexible hoses in the CAOS. The FAA is issuing this AD to address cracked CAOS hoses. This condition, if not addressed, could lead to oxygen leakage in the flexible hoses of the CAOS, which, in combination with in-flight depressurization or smoke evacuation procedure, could result in injury to occupants of the courier area. See the MCAI for additional background information.

Related Service Information under 1 CFR Part 51

Elbe Flugzeugwerke GmbH (EFW) has issued Service Bulletin EFW-SB-35-0001, dated March 8, 2019; and Service Bulletin EFW-SB-35-0002, dated September 2, 2019. This service information describes procedures for repetitive detailed inspections (including functional tests) of the CAOS to detect any leakage or damage (cracking) in the 32209-series oxygen distribution hoses installed in the courier area and in lavatory A, and replacement.

This service information is reasonably available because the interested parties have access to it through their normal course of business or by the means identified in the ADDRESSES section.

FAA's Determination

This product has been approved by the aviation authority of another country, and is approved for operation in the United States. Pursuant to the FAA's bilateral agreement with the State of Design Authority, the FAA has been notified of the unsafe condition described in the MCAI and service information referenced above. The FAA is issuing this AD because the FAA evaluated all pertinent information and determined the unsafe condition exists and is likely to exist or develop on other products of the same type design.

Requirements of this AD

This AD requires accomplishing the actions specified in the service information described previously.

FAA's Justification and Determination of the Effective Date

There are currently no domestic operators of these products. Therefore, the FAA finds that notice and opportunity for prior public comment are unnecessary and that good cause exists for making this amendment effective in less than 30 days.

Comments Invited

The FAA invites you to send any written relevant data, views, or arguments about this AD. Send your comments to an address listed under ADDRESSES. Include "Docket No. FAA-2021-0182; Product Identifier 2020-NM-072-AD" at the beginning of your comments. The most helpful comments reference a specific portion of the final rule, explain the reason for any recommended change, and include supporting data. The FAA will consider all comments received by the closing date and may amend this final rule because of those comments.

Except for Confidential Business Information (CBI) as described in the following paragraph, and other information as described in 14 CFR 11.35, the FAA will post all comments received, without change, to <https://www.regulations.gov>, including any

personal information you provide. The agency will also post a report summarizing each substantive verbal contact received about this final rule.

Confidential Business Information

CBI is commercial or financial information that is both customarily and actually treated as private by its owner. Under the Freedom of Information Act (FOIA) (5 U.S.C. 552), CBI is exempt from public disclosure. If your comments responsive to this AD contain commercial or financial information that is customarily treated as private, that you actually treat as private, and that is relevant or responsive to this AD, it is important that you clearly designate the submitted comments as CBI. Please mark each page of your submission containing CBI as “PROPIN.” The FAA will treat such marked submissions as confidential under the FOIA, and they will not be placed in the public docket of this AD. Submissions containing CBI should be sent to Darren Gassetto, Aerospace Engineer, Mechanical Systems and Administrative Services Section, FAA, New York ACO Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516-228-7323; fax 516-794-5531; email 9-avs-nyaco-cos@faa.gov. Any commentary that the FAA receives which is not specifically designated as CBI will be placed in the public docket for this rulemaking.

Regulatory Flexibility Act (RFA)

The requirements of the RFA do not apply when an agency finds good cause pursuant to 5 U.S.C. 553 to adopt a rule without prior notice and comment. Because the FAA has determined that it has good cause to adopt this rule without notice and comment, RFA analysis is not required.

Costs of Compliance

Currently, there are no affected U.S.-registered airplanes. If an affected airplane is imported and placed on the U.S. Register in the future, the FAA provides the following cost estimates to comply with this AD:

Estimated costs for required actions

Labor cost	Parts cost	Cost per product
20 work-hours X \$85 per hour = \$1700	\$0	\$1700

The FAA estimates the following costs to do any necessary on-condition actions that would be required based on the results of any required actions. The FAA has no way of determining the number of aircraft that might need these on-condition actions:

Estimated costs of on-condition actions

Labor cost	Parts cost	Cost per product
7 work-hours X \$85 per hour = \$595	\$13,485	\$14,080

Authority for this Rulemaking

Title 49 of the United States Code specifies the FAA's authority to issue rules on aviation safety. Subtitle I, section 106, describes the authority of the FAA Administrator. Subtitle VII: Aviation Programs, describes in more detail the scope of the Agency's authority.

The FAA is issuing this rulemaking under the authority described in Subtitle VII, Part A, Subpart III, Section 44701: General requirements. Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

Regulatory Findings

The FAA determined that this AD will not have federalism implications under Executive Order 13132. This AD will not have a substantial direct effect on the States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify that this AD:

- (1) Is not a “significant regulatory action” under Executive Order 12866, and
- (2) Will not affect intrastate aviation in Alaska.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

Adoption of the Amendment

Accordingly, under the authority delegated to me by the Administrator, the FAA amends 14 CFR part 39 as follows:

PART 39 - AIRWORTHINESS DIRECTIVES

1. The authority citation for part 39 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701.

§ 39.13 [Amended]

2. The FAA amends § 39.13 by adding the following new airworthiness directive:

2021-06-07 Airbus SAS: Amendment 39-21474; Docket No. FAA-2021-0182; Product Identifier 2020-NM-072-AD.

(a) Effective Date

This airworthiness directive (AD) becomes effective [INSERT DATE 15 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

(b) Affected ADs

None.

(c) Applicability

This AD applies to the Airbus SAS airplanes specified in paragraphs (c)(1) and (2) of this AD, certificated in any category, converted to freighter airplanes in accordance with FAA supplemental type certificate (STC) ST04038NY and STC ST04045NY.

(1) Model A330-201, -202, -203, -223, and -243 airplanes.

(2) Model A330-301, -302, -303, -321, -322, -323, -341, -342, and -343 airplanes.

(d) Subject

Air Transport Association (ATA) of America Code 35, Oxygen.

(e) Reason

This AD was prompted by reports of cracked flexible hoses in the courier area oxygen system (CAOS). The FAA is issuing this AD to address cracked CAOS hoses. This condition, if not addressed, could lead to oxygen leakage in the flexible hoses of the CAOS, which, in combination with in-flight depressurization or smoke evacuation procedure, could result in injury to occupants of the courier area.

(f) Compliance

Comply with this AD within the compliance times specified, unless already done.

(g) Definitions

The definitions in paragraphs (g)(1) and (2) of this AD apply.

(1) An affected part is a 32209-series oxygen flexible hose used in the CAOS, having a part number specified in figure 1 to paragraph (g)(1) of this AD.

Figure 1 to paragraph (g)(1) – *Affected part numbers*

32209H0136K000
32209E0314F090
32209E0190C
32209E0230C
32209E0266C

(2) A serviceable part is an affected part that is new (never previously installed), or that, before further flight after installation into the CAOS, has passed an inspection and functional test (no leakage or damage found) as specified in paragraph (h) of this AD.

(h) Required Actions

Within 1,600 flight hours after the effective date of this AD and thereafter at intervals not to exceed 1,600 flight hours: Do a detailed inspection (including functional testing) for leakage or damage of the CAOS and lavatory A oxygen system in accordance with the Accomplishment Instructions of Elbe Flugzeugwerke GmbH Service Bulletin EFW-SB-35-0001, dated March 8, 2019; or Elbe Flugzeugwerke GmbH Service Bulletin EFW-SB-35-0002, dated September 2, 2019; as applicable.

(i) Corrective Actions

If, during any inspection required by paragraph (h) of this AD, any leakage or damage (i.e., cracking) is found, replace the affected part before further flight, in accordance with the Accomplishment Instructions of Elbe Flugzeugwerke GmbH Service Bulletin EFW-SB-35-0001, dated March 8, 2019; or Elbe Flugzeugwerke GmbH Service Bulletin EFW-SB-35-0002, dated September 2, 2019; as applicable.

(j) Parts Installation Limitation

As of the effective date of this AD, installation of an affected part, as defined in paragraph (g)(1) of this AD, on any airplane is allowed, provided it is a serviceable part, as defined in paragraph (g)(2) of this AD.

(k) No Reporting Requirement

Although Elbe Flugzeugwerke GmbH Service Bulletin EFW-SB-35-0001, dated March 8, 2019; and Elbe Flugzeugwerke GmbH Service Bulletin EFW-SB-35-0002, dated September 2, 2019; specify to submit certain information to the manufacturer, this AD does not include that requirement.

(l) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs)*: The Manager, New York ACO Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the manager of the certification office, send it to ATTN: Program Manager, Continuing Operational Safety, FAA, New York ACO Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516-228-7300; fax 516-794-5531. Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of responsible Flight Standards Office.

(2) *Contacting the Manufacturer*: For any requirement in this AD to obtain instructions from a manufacturer, the instructions must be accomplished using a method approved by the Manager, New York ACO Branch, FAA; or the European Union Aviation Safety Agency (EASA); or Airbus SAS's EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

(m) Related Information

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) EASA AD 2019-0215, dated September 4, 2019, for related information. This MCAI may be found in the AD docket on the Internet at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2021-0182.

(2) For more information about this AD, contact Darren Gassetto, Aerospace Engineer, Mechanical Systems and Administrative Services Section, FAA, New York ACO Branch, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 516-228-7323; fax 516-794-5531; email 9-avs-nyaco-cos@faa.gov.

(n) Material Incorporated by Reference

(1) The Director of the Federal Register approved the incorporation by reference (IBR) of the service information listed in this paragraph under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) You must use this service information as applicable to do the actions required by this AD, unless this AD specifies otherwise.

(i) Elbe Flugzeugwerke GmbH Service Bulletin EFW-SB-35-0001, dated March 8, 2019.

(ii) Elbe Flugzeugwerke GmbH Service Bulletin EFW-SB-35-0002, dated September 2, 2019.

(3) For service information identified in this AD, contact Elbe Flugzeugwerke GmbH Customer Support, Grenzstraße 1 01109, Dresden, Germany; phone: +49 351 8839 2749; fax: +49 351 8839 2125; email: efw.techpub@efw.aero; internet: <https://www.elbeflugzeugwerke.com/en/>.

(4) You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195.

(5) You may view this service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, email fedreg.legal@nara.gov, or go to: <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued on March 10, 2021.

Lance T. Gant, Director,
Compliance & Airworthiness Division,
Aircraft Certification Service.

[FR Doc. 2021-06911 Filed: 4/2/2021 8:45 am; Publication Date: 4/5/2021]